

Applicant: Oscar C. Miramontes
Serial No.: 10/814,708
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Docket No.: ZIL-574

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (currently amended) A method comprising:
 - (a) receiving a programming signal onto an RFID reader in a remote control device, wherein the programming signal conveys a complete codeset data.
2. (original) The method of claim 1, further comprising:
 - (b) conveying energy from the RFID reader to an RFID transponder; and
 - (c) using the energy to power circuitry in the RFID transponder, wherein the circuitry uses the energy to generate the programming signal.
3. (original) The method of claim 1, further comprising, before (a):
 - (b) conveying energy from the RFID reader to an RFID transponder.
4. (original) The method of claim 3, wherein the energy is conveyed from the RFID reader to the RFID transponder through inductive coupling.
5. (currently amended) The method of claim 1, wherein the programming signal ~~is conveyed to the RFID reader by an RFID transponder that variably absorbs a magnetic field generated by the RFID reader~~ conveys a complete second codeset.

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6. (original) The method of claim 1, wherein the programming signal is conveyed to the RFID reader by an RFID transponder that is part of an electronic consumer device.

7. (original) The method of claim 1, wherein the programming signal is conveyed to the RFID reader by an RFID transponder that is part of a codeset card.

8. (currently amended) The method of claim 1, wherein the complete codeset data are a number indicative of a particular codeset~~comprises a table of codeset information and a table of modulation, timing and framing protocols.~~

9. (currently amended) The method of claim ~~1~~8, wherein the complete codeset data includes codeset key data that correspond to a function of an electronic consumer device.

10. (currently amended) The method of claim 1, wherein the complete codeset data include codeset key data that comprises a digital key code number and timing information, and wherein the timing information describes a digital one and a digital zero.

11. (currently amended) A device comprising:

an RFID reader module;

a coupling element; and

a transmitter, wherein the RFID reader module receives a programming signal from the coupling element, wherein the programming signal conveys a complete codeset data, wherein the complete codeset includes codeset key data, and wherein the transmitter transmits an operational signal containing ~~at least a portion of the codeset~~ key data.

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12. (original) The device of claim 11, further comprising:

a capacitor, wherein the capacitor and the coupling element together form an LC circuit.

13. (original) The device of claim 11, wherein the coupling element receives the programming signal from an RFID transponder via absorption modulation.

14. (currently amended) The device of claim 11, wherein the ~~RFID reader module interrogates an RFID transponder module, and the RFID transponder module generates the programming signal~~complete codeset comprises a table of codeset information and a table of modulation, timing and framing protocols.

15. (currently amended) The device of claim 14, wherein the ~~RFID transponder module is part of a passive RFID transponder~~table of codeset information and the table of modulation, timing and framing protocols have a total size, and wherein the total size is less than one hundred bytes.

16. (currently amended) The device of claim ~~44~~13, wherein the RFID transponder ~~module~~ is part of an electronic consumer device taken from the group consisting of: a television set, a video cassette recorder, a digital video disc player, a stereo equalizer, a radio tuner, a set-top box for receiving programming via a satellite, and a set-top box for receiving programming via a cable.

17. (currently amended) The device of claim 11, wherein the ~~codeset data include codeset key data that corresponds~~ to a function of an electronic consumer device.

18. (original) The device of claim 17, wherein the function of the electronic consumer device is taken from the group consisting of: power on, volume up,

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volume down, mute, channel advance, channel back, cursor up, cursor down, cursor right, cursor left, menu, select, play, record, stop, forward, back and pause.

19. (currently amended) A device comprising:

a transmitter that transmits an operational signal containing ~~codeset data~~, wherein the ~~codeset data include~~ codeset key data that correspond to a function of an electronic consumer device; and

means for receiving a programming signal using inductive coupling and absorption modulation, wherein the programming signal contains ~~the~~ a complete codeset data, and wherein the complete codeset includes the codeset key data.

20. (original) The device of claim 19, wherein the function of the electronic consumer device is taken from the group consisting of: power on, volume up, volume down, mute, channel advance, channel back, cursor up, cursor down, cursor right, cursor left, menu, select, play, record, stop, forward, back and pause.

21. (new) The method of claim 6, wherein the electronic consumer device has a power cord, and wherein the RFID transponder is powered by a magnetic field leaking out of the power cord of the electronic consumer device.

22. (new) The method of claim 7, wherein multiple codesets are stored on the codeset card.

23. (new) The method of claim 8, wherein the programming signal conveys a complete second codeset, wherein the table of modulation, timing and framing protocols includes a modulation protocol, and wherein the complete codeset and the complete second codeset share the modulation protocol.

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24. (new) The method of claim 8, wherein the table of codeset information and the table of modulation, timing and framing protocols have a total size, and wherein the total size is less than one hundred bytes.

25. (new) The device of claim 14, wherein the programming signal conveys a complete second codeset, wherein the table of modulation, timing and framing protocols includes a modulation protocol, and wherein the complete codeset and the complete second codeset share the modulation protocol.